



439.00 EUR

incl. 19% VAT, plus shipping

- **Intel Comet Lake-S !**
- **Micro ATX !**
- **4x LAN !**

- Intel® LGA1200 Socket supports 10th Gen. Core Processor (Max. 95W)
- Intel® Comet Lake-S W480E Chip
- 4* DDR4 2933/2666/2400MHz up to 128GB support ECC
- 1* Intel® i219LM GbE, 1* Intel® i210AT GbE, 2* i225LM 2.5GbE
- 8* SATAIII (6Gb/s) support RAID 0/1/5/10 & 2* M.2 (M-key), 1* M.2 (E-key) supports CNVi, 1* PCIe x16, 1* PCIe x8, 1* PCIe x4, 1* PCIe x1
- 2* HDMI
- 2* RS232, 6* USB3.2 (Gen.2), 4* USB2.0
- ATX Power Input
- Micro ATX Form Factor (244 * 244 mm)

Model	<ul style="list-style-type: none"> – MM02-20 – MM02-22 (TPM2.0))
Form Factor	<ul style="list-style-type: none"> – Micro ATX (244 x 244 mm)
Processor System	<ul style="list-style-type: none"> – Intel® LGA1200 Socket supports 10th Gen. Core Processor (Max 95W) – Intel W480E chipset – AMI 128Mb Flash ROM BIOS
Expansion Slot	<ul style="list-style-type: none"> – 1* M.2 E-key, 2230 (PCIe x1 /USB2.0 interface) support CNVi – 1* PCIe x16 – 1* PCIe x8 (share with PCIe x16) – 1* PCIe x4 – 1* PCIe x1
Memory	<ul style="list-style-type: none"> – 4* Long DIMM DDR4 2933/2666/2400 MHz DRAM up to 128GB support ECC
Graphics	<ul style="list-style-type: none"> – Intel® HD Graphics, shared memory – 2* HDMI 1.4 (Max Resolution: 4096×2160@30Hz) – Support Dual Displays
Ethernet	<ul style="list-style-type: none"> – 1* Intel® i219LM GbE & 1* Intel® i210AT GbE – 2* Intel® i225LM 2.5GbE
Storage	<ul style="list-style-type: none"> – 8* SATAIII (6.0Gb/s, support RAID 0/1/5/10) – 2* M.2 (M-key): 1* 2242/2280/22110 (PCIe x4 interface) support NVMe, 1* 2260/2280 (PCIe x2 interface)
Rear I/O	<ul style="list-style-type: none"> – 2* HDMI – 2* RJ45 (GbE) – 2* RJ45 (2.5GbE) – 4* USB3.2 (Gen.2) – 2* RS232

Internal I/O	<ul style="list-style-type: none"> - 1* USB 3.2 (Gen.2) - 4* USB 2.0 - 8* SATAIII (support RAID 0/1/5/10) - 1* M.2 M-key 2242/2280/22110 (PCIe x4 interface) support NVMe - 1* M.2 M-key 2260/2280 (PCIe x2 interface) - 1* M.2 E-key 2230 (PCIe x1 /USB2.0 interface) support CNVi - 1* GPIO (8-bit) - 1* Chassis intrusion - 1* SMBUS/I2C - 1* AT mode - 1* TPM2.0 (MM02-12 only)
Watchdog Timer	<ul style="list-style-type: none"> - From Super I/O to drag RESETCON# - 256 segments (10 ~ 255min)
Power	<p>DC-IN 12V, AT/ATX Supported</p> <ul style="list-style-type: none"> - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready
Compliance	<ul style="list-style-type: none"> - CE, FCC, RoHS, REACH
Temperature	<ul style="list-style-type: none"> - Operating: 0°C ~ 60°C - Storage: -20°C ~ 85°C - Humidity: 10% ~ 90% RH @40°C (non-condensing)
OS Support	<ul style="list-style-type: none"> - Windows 10, Linux